

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A crosslinked polymer produced by polymerizing at least one crosslinkable monomer and then bonding a phthalocyanine skeleton to the resultant polymer.
2. (original): The crosslinked polymer according to claim 1 wherein the degree of crosslinking in the crosslinked polymer is not less than 1%.
3. (currently amended): The crosslinked polymer according to claim 1 ~~or 2~~ wherein the bonding amount of the phthalocyanine skeleton within the crosslinked polymer is 5 to 1000 $\mu\text{mol/g}$ on a dry basis.
4. (currently amended): The crosslinked polymer according to claim 1 ~~any of claims 1 to 3~~ wherein the bond through which the phthalocyanine skeleton and the crosslinked polymer are bonded to each other is only a covalent bond.
5. (currently amended): The crosslinked polymer according to claim 1 ~~any of claims 1 to 4~~ wherein the phthalocyanine skeleton and the crosslinked polymer are bonded to each other by use of a reaction of an active hydrogen-containing group with a group reactive

with active hydrogen in a reaction between a compound having a phthalocyanine skeleton and the crosslinked polymer.

6. (original): The crosslinked polymer according to claim 5 wherein the compound having a phthalocyanine skeleton contains a group reactive with active hydrogen and the crosslinked polymer contains an active hydrogen-containing group.

7. (original): The crosslinked polymer according to claim 5 wherein the compound having a phthalocyanine skeleton contains an active hydrogen-containing group and the crosslinked polymer contains a group reactive with active hydrogen.

8. (currently amended): The crosslinked polymer according to claim 5~~any of claims 5 to 7~~ wherein the active hydrogen-containing group is a hydroxyl, amino or thiol group.

9. (currently amended): The crosslinked polymer according to claim 5~~any of claims 5 to 8~~ wherein the group reactive with active hydrogen is at least one group selected from dihalogenotriazine, monohalogenotriazine, trihalogenopyrimidine, sulfatoethylsulfone, dihalogenoquinoxaline, dihalogenopyridazinone, dihalophthalazine, sulfatoethylsulfone amide, mono- or dihalogenopyrimidine, dihalogenobenzothiazole, aldehyde, ethylenic double bond, oxirane ring, acid chloride, and isocyanate.

10. (currently amended): The crosslinked polymer according to claim 1~~any of claims 1 to 9~~,
having a BET specific surface area of not less than 10 m²/g.
11. (currently amended): The crosslinked polymer according to claim 1~~any of claims 1 to 10~~,
wherein the crosslinked polymer is a crosslinked polymer produced by polymerizing at
least one monomer containing an active hydrogen-containing group or its precursor, or
a group reactive with active hydrogen or its precursor.
12. (currently amended): The crosslinked polymer according to claim 1~~any of claims 1 to 11~~
wherein the phthalocyanine skeleton is at least one group selected from metal-free
phthalocyanines, or copper, iron, nickel, cobalt, zinc or aluminum metal-containing
phthalocyanines.
13. (currently amended): A process for producing the crosslinked polymer according to claim
1~~any of claims 1 to 12~~, characterized by reacting an active hydrogen-containing group
with a group reactive with active hydrogen.
14. (currently amended): A molded adsorbent comprising the crosslinked polymer according to
claim 1~~any of claims 1 to 12~~ held onto a binder.

15. (currently amended): A compound-separating tool comprising at least one crosslinked polymer according to claim 1~~any of claims 1 to 12~~ which has been coated onto, spread onto, packed or filled into, installed in, inserted into, or hermetically sealed into a support with or without a binder.
16. (original): A compound-separating tool comprising the molded adsorbent according to claim 14 which has been coated onto, spread onto, packed or filled into, installed in, inserted into, or hermetically sealed into a support with or without a binder.
17. (currently amended): The compound-separating tool according to claim 15~~or 16~~, which is a column, cartridge, filter, plate, or capillary for solid phase extraction, liquid chromatography, or gas chromatography, or a plate for thin layer chromatography.
18. (currently amended): A method for treating polycyclic organic materials, characterized by adsorbing, desorbing, or separating polycyclic organic materials present as a mixture in a solution or a gas by use of the compound-separating tool according to claim 15~~any of claims 15 to 17~~.